

Recombinant Rat FZD4 Protein, His-tagged

Cat. No. FZD4-1107R Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant rat Fzd4 (NP_072145.1) (Met1-Glu181) was expressed with a polyhistidine tag at the C-terminus.
Species	Rat
Source	HEK293
ProteinLength	1-181 a.a.
Predicted N Terminal	Phe 38
Form	Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.
Molecular Mass	The recombinant rat Fzd4 consists 155 amino acids and predicts a molecular mass of 17.7 kDa.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>95 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Storage	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name Fzd4 frizzled family receptor 4 [Rattus norvegicus]

Official Symbol FZD4

Synonyms FZD4; frizzled family receptor 4; frizzled-4; fz-4; rFz4; frizzled receptor 4;

Gene ID 64558

mRNA Refseq NM_022623

Protein Refseq NP_072145

MIM

UniProt ID

Pathway Basal cell carcinoma, organism-specific biosystem; Basal cell carcinoma, conserved biosystem; Class B/2 (Secretin family receptors), organism-specific biosystem; GPCR ligand binding, organism-specific biosystem; HTLV-I infection, organism-specific biosyst

Function G-protein coupled receptor activity; PDZ domain binding; PDZ domain binding; Wnt-activated receptor activity; Wnt-activated receptor activity; Wnt-protein binding; Wnt-protein binding; cytokine binding; cytokine binding; protein heterodimerization activit

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